Use Attainability Analysis

for

WBID 0384 Keeney Creek

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program

APR 0 6 7005

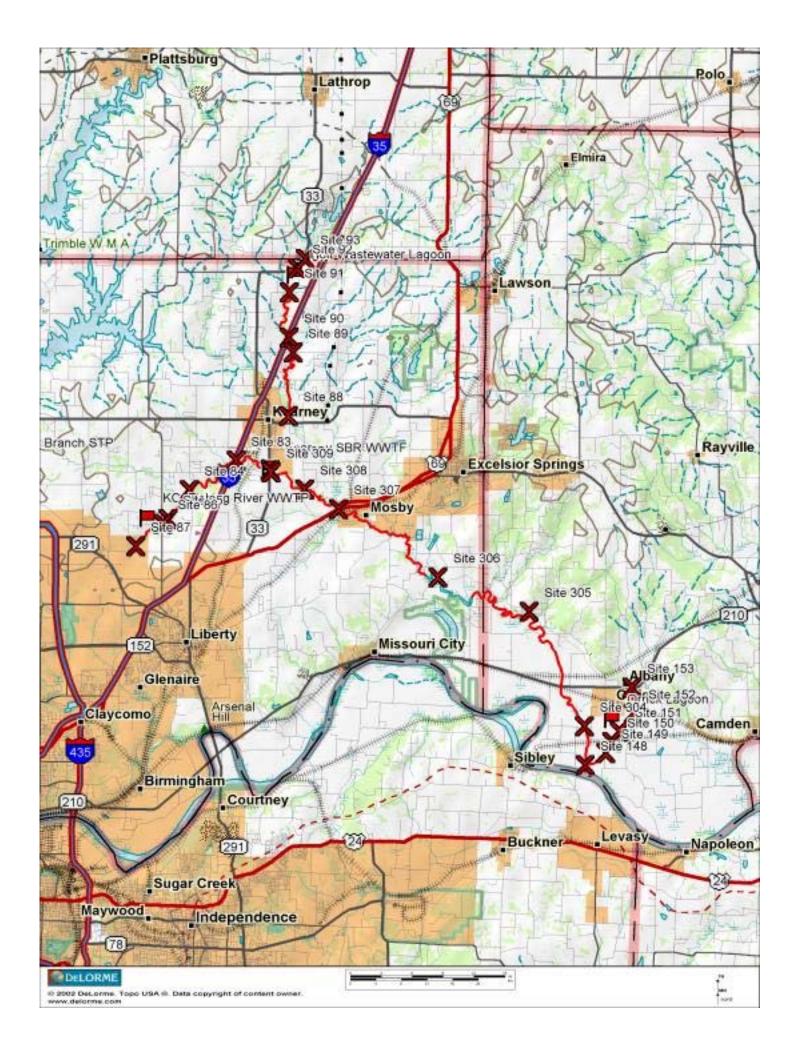
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification WATER PROTECTION PROGRAM

Water Body Name: (from USGS 7.5' quad) KEENEY CREEK: 148-153 8-digit HUC: 10300101 Missouri WBID #: 0384 County: BAY Upstream Legal Description: Downstream Legal Description: Upstream Coordinates: 39,22173 -094.10968 Acc: 20 ft. (UGS 84, ddd.ddddd) Downstream Coordinates: (UGS 84, ddd.ddddd) 39,18757 - 094,12560 Acc: 41 Pt. Discharger Facility Name(s): ORAJCK LAGOON MD-6622918 Discharger Permit Number(s): Number of Sites Evaluated: 6 Name of Surveyor and Telephone Number: ADAM (177776, 410-356-8193 Organization: TGTBA TUCH INC. Position: A)SOCTATO SCIENTIST I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA

datasheet is true and accurate.

Signed:	alon Bath	Date:3/29/65	
		,	-



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

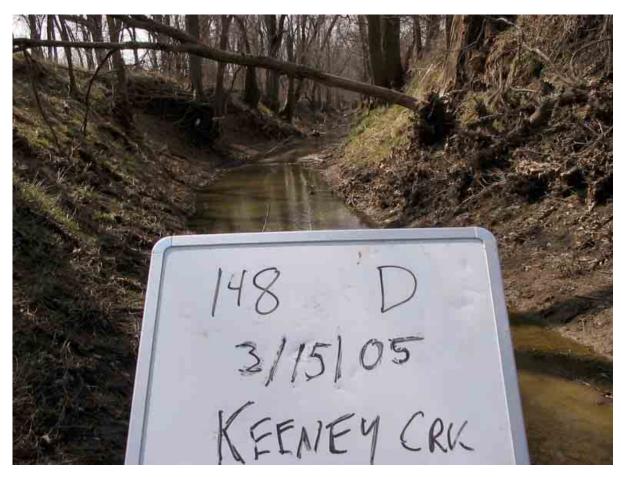
		· · · · · · · · · · · · · · · · · · ·					
Missouri WBID #:	48		Site Location D	•			
Site GPS Coordinates:	39.18760/ <i>09</i>	4.12850	OFF OF PLA	D, AS A TURO AGON	4		
Date & Time: 3/15/1	5/1200m		Facility Name:	ORRICK LAGUEN			
Personnel: AUR AN			Permit Number:				
Current Weather Condition	ions: Sowy	405	Weather Conditions for Past 7 days: Dwy 40 J				
Photo Ids: Upstream:			Wax 40 Othe	r:			
Uses Observed*:	1569C	16	ioac				
☐ Swimming	☐ Skin diving	□ sci	JBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	☐ Wading	☐ Rafting		
☐ Hunting	Trapping N2	?	ing	☐ None of the above	☐ Other:		
Describe: (include numb			ency of use, photo	-documentation of evidence	of recreational uses, etc.)		
ASJUMED AC					nce or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC cor	servation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	☐ Fence	Steep slop	pes	☐ Other:			
Evidence of Human Us	se*:						
Roads	☐ Foot paths/prit	nts 🗆 D	ock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites	□Fi	re pit/ring	□ NPDES Discharge	☐ Fishing Tackle		
∑ Other:	KA						
Site Locations Map(s):	Attach a map of	entire segm	ent with assess	ment sites clearly labele	ed. Mark any		

other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use. aci Amai Butu

0. 34			#	·		205	205	2 2	
Stream Morj		y: Physical Dir	nancians	1,005	na 1)	225	3m 3m	
□ Riffle	Width (Length (ft):	<u> </u>	Avg. Depth	<u>へ</u> (ft):	103	Max. Depth (ft):	
₩ Run	Width (ft): 2.9 m	Length (ft):	20m	Avg. Depth	(ft): 0,09	`h.a	Max. Depth (ft):	0.15m
□ Pool	Width (Length (ft):		Avg. Depth		m	Max. Depth (ft):	U On
Z Flow	Present	YELYes	□ No		Estimated (fi³/sec): ^A W(0	15mls	
Downstre	am Vie	w Physical i	Dimensions:		5, .08,	12.1	75 K	5 3m 3m	
□ Riffle	Width (Length (ft):		Avg. Depth		12	Max. Depth (ft):	
X Run	Width (ft): 3.3m	Length (ft):	Dom	Avg. Depth	(ft): 0,000		Max. Depth (ft):	Oilm
□ Pool	Width (Length (ft):		Avg. Depth		2116	Max. Depth (ft):	(1/10
A Flow	Present	Yes	□ No		Estimated (ft³/sec):	0.2	2m/s	
S. hatwa 4.24	(TP)	.1				T			
	Cobble		dd up to 100%.) Gravel	% Sano	П	% Silt	50	% Mud/Clay	% Bedrock
Water Chara	acterist	ics*: (Mark a	all that apply.)						
Odor:		□ Sewage	☐ Musky	□ Che	mical	None None		☐ Other:	
Color:		Clear	☐ Green	☐ Gra	у 🗼	☐ Milky		☐ Other:	
Bottom De	posit:	□ Sludge	□ Solids	X Fin	e sediments	□ None		Other:	. :
Surface De	posit:	□ Oil	□ Scum	☐ Foa	m .	None		Other:	
This information on the i	on is not understar recreation	to be used sole ading of water a use analysis in hereby affin	ely for removal of conditions. Corbut may point to the bes	of a recreation resequently, the conditions the	nal use designis informational need furth	nation but ra on is not inte her analysis	ther is nded to or that	to provide a more of directly influence a effect another use.	. .
Signed:	Ü	un Rethe		****	Date:_	3/15 on: <u>Se</u>	105		
Organization:	: Te	BUT			Positic	on: Se	KUE.	PT I.	
-	Q	C & D	Mario	Bolhe	3	150	5		





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:148-	REVISIT		Site Location I	Description: BUT STREET, TURN RI	CENO ELL		
Site GPS Coordinates: N		4.12560 41R	UNWANGO A				
Date & Time: 03-16-09			Facility Name:	ORBICK LAGOON			
Personnel: CHAD BAND	OUN : JERAMY A	ob Dev	Permit Number				
Current Weather Condit	ions: 43°F. SUNN	·Y	Weather Condi	Weather Conditions for Past 7 days:			
1		vnstream: 15	70 B Oth	er:			
ses Observed*:					T		
	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boa	ating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fish		☑ None of the above	Other:		
Describe: (include numb				elds. No uses obser			
SHALLOW STREAM	SULVONNOED B	Y AGNIC	UTVRAL FIC		V €0.		
SHALLOW STREAM	SULVONNOED B	Promote or imp	UTVRAL FIC	elds. No uses obser	V €0.		
SHALLOW STREAM	ns*: (Mark all that	Promote or imp	pede recreational	uses. Attach photos of evide	nce or unusual		
SHALLOW STREAM Trounding Condition ms of interest.) City/county parks	ns*: (Mark all that	promote or imp	pede recreational nservation lands forests	uses. Attach photos of evide	nce or unusual Campgrounds Stairs/walkway		
SHALLOW STREAM Irrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks	promote or imp	pede recreational nservation lands forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway		
SHALLOW STREAM Irrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks	promote or imp MDC con National	pede recreational nservation lands forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway		
SHALLOW STACAM Trounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	Promote or important of MDC con National Steep slop	pede recreational nservation lands forests pes	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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September 29, 2004

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Page Two - Data Sheet B for WBID # 148-AEVISI!

☐ Riffle	Width (f):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☑ Run	Width (f): 3.1m	Length (ft): 그,	Avg. Depth	(ft): 0.12m	Max. Depth (ft): 5	alm
☐ Pool	Width (f):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☑ Flow	Present?	☑ Yes	□ No	Estimated (f	t³/sec): 4: 38.	si 4m=35s : 4m=37s	
D	¥ 7.	That				Flows 0.12 mls	
Downstrea ☐ Riffle	am Viev Width (f		Length (ft):	041, 043, 04, 03. Avg. Depth		Max. Depth (ft):	
		-					
⊠Run	Width (f		Length (ft): 20.		(ft): 0.04m	Max. Depth (ft):)43M
☐ Pool	Width (f	·	Length (ft):	Avg. Depth		Max. Depth (ft):	······································
☑ Flow	Present?	☑ Yes	□ No	Estimated (f	t*/sec): 4m =115;	4n=9:4n=105	
ıbstrate*:	(These vs	lues should	add up to 100%.)			FLOV = 0.40 mls	J
	Cobble		6 Gravel	% Sand 35	% Silt 50	% Mud/Clay	% Bedrock
NUNE				algal growth at the asse	essment site)		
ater Chara			unt of vegetation or a	algal growth at the asse			
NUNE	acterist			algal growth at the asse	☑ None	□ Other:	
ater Chara	acterist	CS*: (Mark	all that apply.)			☐ Other:	
ater Chara	acterist	cs*: (Mark □ Sewage	all that apply.) □ Musky	□ Chemical	☑ None		
ater Chars Odor: Color:	acterist	cs*: (Mark □ Sewage □ Clear	all that apply.) ☐ Musky ☐ Green	☐ Chemical ☐ Gray	☑ None ☑ Milky	□ Other: BASW N	
Ater Chara Odor: Color: Bottom Dep Surface Dep Omments: I this information mprehensive to cision on the re-	posit: posit: Please a on is not of the contraction of the contract	cs*: (Mark Sewage Clear Sludge Oil tach addit to be used soding of wate use analysis	all that apply.) Musky Green Solids Scum ional comments (i	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam including informat recreational use designated the conditions that need furth f my knowledge, to	✓ None ✓ Milky ☐ None ✓ None ion from internation but rather is not intended are analysis or the	Other: Drow ~ Other: Other: views) to this form. is to provide a more it o directly influence a at effect another use. mation reported on	this UAA





Data Sheet B - Site Characterization (A separate data sheet must be completed for each site)

Missouri WBID #: 🗡	19		Site Location D	Site Location Description: WHILE RD TORY AWAY FROM STREAM		
Site GPS Coordinates: 2	39.18546/0	94.1277	2 WHERD T	TRYAWAY FROM DIKE	i APC	
Date & Time: 3 /15/0		<u> </u>	Facility Name:			
Personnel: AUS A			Permit Number:			
Current Weather Conditi		ro'S	Weather Condit	ions for Past 7 days: 50,	vary Dey	
Photo Ids: Upstream:			\$1563 cm 35 Othe		1 1	
es Observed*:	1506C	,	1563c 150	700 0 39 = TR471 34 3ARU 50 00 37 = 57848 YOUND	14 156 to 31 - 5	
☐ Swimming	☐ Skin diving	□ sc	CUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□ Bo	oating	☐ Wading	☐ Rafting	
☐ Hunting	Trapping	☐ Fis	shing	☐ None of the above	☐ Other:	
TRAP FOUND				documentation of evidence		
TRAP FOUND	@ sine:(s					
TRAP FOUND OF Russ	@ JINE: (S	GEPHOTUS) ACTUSTY &	EDUL WEN PAST NY	er Dur 50 du	
TRAP FOUND OF Russ	@ JINE: (S	GEPHOTUS) ACTUSTY &		er Dur Ju dur	
TRAP Found OF Regri	@ JINE: (S	promote or in) ACTUSTY &	EDUL WEN PAST NY	er Dur 70 du	
TRAP Found OF Regri	G JIRE (S	promote or in	npede recreational u	EOM WEN PAST NY	er Dur 30 sur	
TRAP Found (FRY) rrounding Condition ns of interest.) City/county parks	ON TRAP. The State of the stat	promote or in	npede recreational conservation lands	uses. Attach photos of evidence Urban areas	nce or unusual Campgrounds	
TRAP Found (FRY) rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	DIRE (S TON TRAP. Ins*: (Mark all that) Playgrounds State parks Fence	promote or in MDC co	npede recreational conservation lands	uses. Attach photos of evidence Urban areas	nce or unusual Campgrounds Stairs/walkway	
TRAT Found (FRY) rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	DIRE (S TON TRAP. Ins*: (Mark all that) Playgrounds State parks Fence	promote or in MDC co	npede recreational conservation lands	uses. Attach photos of evidence Urban areas	nce or unusual Campgrounds Stairs/walkway	
TRAP Found (FRY) rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	DIRE (S	promote or in MDC co Nationa Steep sle	npede recreational unonservation lands	Ses. Attach photos of evidence of the Description o	nce or unusual Campgrounds Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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OC= An Manifortie 3-15-05

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September 29, 2004

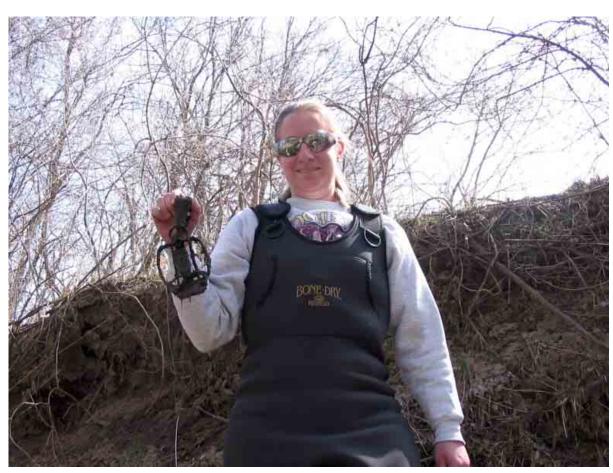
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rage i wo - Data S	Sheet B for V	WBID #	, :	295	3m
		_	port	ا العالم	
Stream Morpholog Upstream View		A		1.2, 134	
☐ Riffle Width		Length (ft):	Avg. Depth		Max. Depth (ft):
X Run Width	(ft): 3m	Length (ft):	20m Avg. Depth		Max. Depth (ft): O. 4 m
□ Pool Width		Length (ft):	Avg. Depth	UI ON JA	Max. Depth (ft):
Flow Preser	nt? Yes	□ No	Estimated (f	mu	lm/s
Downstream Vi	ew Dhysiael	Dimensions	U UC ZC 2	25	
□ Riffle Width		Length (ft):	Avg. Depth	み, 0 とり (ft):	Max. Depth (ft):
☐ Run Width		Length (ft):	Avg. Depth		Max. Depth (ft):
Pool Width	7 4		· -		Max. Depth (ft): 0.45m
Flow Preser	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	□ No Preser		215 11	D.DIMIS
			ć Julio	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , ,
Substrate*: (These % Cobbl		add up to 100%.) Gravel	% Sand	% Silt 80	% Mud/Clay % Bedrock
Water Characteri					
ator Characters	stics*: (Mark	all that apply.)			
Odor:	stics*: (Mark	all that apply.)	☐ Chemical	None	□ Other:
			☐ Chemical	Milky	☐ Other:
Odor:	☐ Sewage	□ Musky	· · · · · · · · · · · · · · · · · · ·		
Odor: Color:	□ Sewage Clear	☐ Musky	☐ Gray	☐ Milky	☐ Other:
Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please *This information is no comprehensive underst decision on the recreati	Sewage Clear Sludge Oil attach addition to be used solution and use analysis, hereby affi	☐ Musky ☐ Green ☐ Solids ☐ Scum Conal comments ely for removal of conditions. Consider the conditions of the best	Gray Fine sediments Foam (including information a recreational use designed equently, this information on ditions that need furth of my knowledge, the sediment of the sedime	☐ Milky ☐ None ☐ None ☐ None ion from intervation but rather in is not intended are analysis or that all inform	Other: Other: Other: riews) to this form. s to provide a more to directly influence a











Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

							· · · · · · · · · · · · · · · · · · ·		
	Missouri WBID #: /5	10			Site Locati	on Des	cription:		
	Site GPS Coordinates:	19,19237/094	.1225	58	mose	TRAF	U BREDGE, NEAR Y	accu house	
	Date & Time: 3/15/6	5/ 1040 hrs			Facility Na	me:	ORECOR LAGGEN		
	Personnel: AVR, A				Permit Number:				
	Current Weather Condition	ons: Sluvy 40	UC .		Weather Conditions for Past 7 days: Juny DRY				
	Photo Ids: Upstream: 34	n: 32 <i>a</i> 1	15600	1560 Other: 3 9 ac 154 = May / Algas a rocks					
Us	ses Observed*:						1561C		
	☐ Swimming	☐ Skin diving		□ scu	BA diving		☐ Tubing	☐ Water skiing	
	☐ Wind surfing		£	□ Boat	ting		□ Wading	☐ Rafting	
	☐ Hunting	Trapping Ay		Y Fishi			☐ None of the above	☐ Other:	
	Describe: (include number	er of individuals rec	reating,	freque	ncy of use, p	hoto-d	ocumentation of evidence	of recreational uses, etc.)	
	DARIO	FO AGOVATE	104	TED O	an West	TOU	AND CONTETENT	- AR	
	""		, .						
		•							
	arrounding Condition ms of interest.)	s*: (Mark all that p	promote	or imp	ede recreatio	onal use	es. Attach photos of evider	nce or unusual	
	☐ City/county parks	☐ Playgrounds	□мі	DC cons	servation lan	nds	☐ Urban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks	□ Na	tional f	orests		☐ Nature trails	☐ Stairs/walkway	
	☐ No trespass sign	☐ Fence	☐ Ste	ep slop	es		Other: TRAZALI	EREQUENCY 4/14	
Ev	ridence of Human Us	e*:						- Correct - Corr	
	🔀 Roads	☐ Foot paths/prit	nts	□ Do	ock/platform		☐ Livestock Watering	☐ RV / ATV Tracks	
	☐ Rope swings	☐ Camping Sites		□ Fir	e pit/ring		☐ NPDES Discharge	☐ Fishing Tackle	
	12 Other: TRASW J	BRINE							
	te Locations Map(s): ner items that may be o					sessm	ent sites clearly labele	d. Mark any	
*So ma	ome of this information is a y point to conditions that n	not intended to direct need further analysis	or that	effect a	mother use.			e analysis but	

Page Two - Data Sheet B for WBID #____:

Stream Morpholo Upstream View		nensions: '	2,.5,.8,.7	1.4		
☐ Riffle Width	(ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Width	(ft): 4.1m	Length (ft):	Jon Avg. Depth	(ft): 0.5	2 m Max. Depth (ft): (282m
☐ Flow Preser	nt? X Yes	ONO NAT		³ /sec):		
Downstream Vi	iew Physical l	Dimensions:	3,.4,.3,.31	2		
☐ Riffle Width		Length (ft):	Avg. Depth]• (ft):	Max. Depth (ft):	***************************************
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Width	(ft): (m	Length (ft):) Om Avg. Depth	(ft): (). 3h	Max. Depth (ft):	24m
Flow Preser	3.4	□ No	Estimated (fi			<i>-</i>
Substrate*: (These		ld up to 100%)	PMHG. 23sec,	30500	you you	
100 % Cobbl		Gravel	% Sand	% Silt	40 % Mud/Clay	% Bedrock
Water Characteri		U ROCKY (SE	A CANADA			······································
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:) Oil	☐ Scum	☐ Foam	□ None	☐ Other:	
This information is no comprehensive underst lecision on the recreation	ot to be used sole anding of water ion use analysis l	ly for removal of conditions. Cons out may point to c	a recreational use design equently, this informatio onditions that need furth	nation but rain is not interest analysis of the hat all infalls $3/15/6$	nterviews) to this form. ther is to provide a more nded to directly influence a or that effect another use. Formation reported on	
()	Mar	in Hoch	e 3150	5		







Data Sheet B - Site Characterization

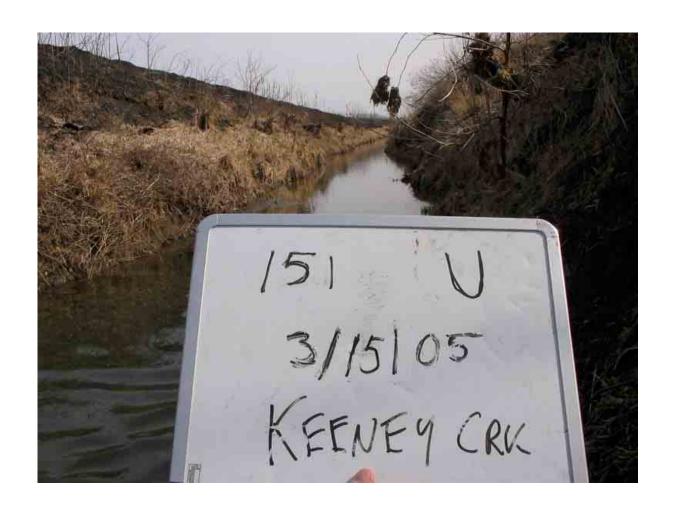
(A separate data sheet must be completed for each site)

	7		Site Location Description: LIFEL Z CHESTES CREEK, NEAR ABADINES Facility Name: ORRECK LAG CUN				
Site GPS Coordinates:	39.19720/-094	1.11785	- WERE 2	CRESTES CREEK, NE	OLRI		
Date & Time: 3/15/0			Facility Name:	ORRECK LAS CON	<u> </u>		
Personnel: AVR, AN			Permit Number:				
Current Weather Conditi		10.2	Weather Conditions for Past 7 days: Survey Dey				
Photo Ids: Upstream: 29	#1757 C Dow	nstream: 36	1/1558C Other	1: 31/1559C= 58CA	my part		
4.		pre		AR			
es Observed*:		<u> </u>			1		
☐ Swimming	☐ Skin diving		CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□ B	oating	□ Wading	☐ Rafting		
☐ Hunting	Trapping A	∑ □ Fi	shing	☐ None of the above	Other: Correcting		
	ET ON BRE		asiley or ass, priore		of recreational uses, etc.		
SPRA(PA	ENT ON BREE	X£,		ses. Attach photos of evider			
SPRAY PA	ENT ON BREE	oromote or in					
SPRA PA	ENT ON BRE	oromote or in	npede recreational u	ses. Attach photos of evide	nce or unusual		
rrounding Condition as of interest.) City/county parks	IN ON BRE	oromote or in	npede recreational u onservation lands al forests	ses. Attach photos of eviden	nce or unusual		
rrounding Condition ns of interest.) City/county parks Boating accesses	INT ON BRE	oromote or in MDC c	npede recreational u onservation lands al forests	ses. Attach photos of evider Urban areas Nature trails	nce or unusual		
Trounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	INT ON BRE	oromote or in MDC c Nationa	npede recreational u onservation lands al forests	ses. Attach photos of evider Urban areas Nature trails	nce or unusual		
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	ns*: (Mark all that p Playgrounds State parks Fence	oromote or in MDC con National Steep sl	npede recreational u onservation lands al forests opes	ses. Attach photos of evider Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway		
rrounding Condition ns of interest.) City/county parks Boating accesses	ns*: (Mark all that p	oromote or in MDC c	npede recreational u onservation lands al forests	ses. Attach photos of evider Urban areas Nature trails	nce or unusual		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # **Stream Morphology: Upstream View Physical Dimensions:** Width (ft): ☐ Riffle Length (ft): Max. Depth (ft): Avg. Depth (ft): Width (ft): Length (ft): Max. Depth (ft): □ Run Width (ft): Length (ft): Avg. Depth (ft): 🗲 20m Max. Depth (ft):(🛚 Pool Estimated (ft³/sec): 533 ☐ Flow ☐ Yes Present? Downstream View Physical Dimensions: Riffle Width (ft): Avg. Depth (ft): Length (ft): Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): □ Run Max. Depth (ft): D. - Am (Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Estimated (ft³/sec): Ω Flow Present? Yes □ No . Substrate*: (These values should add up to 100%.) \mathcal{L}^{o} % Cobble % Gravel % Sand % Silt 9 % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: X None ☐ Chemical ☐ Sewage ☐ Other: ☐ Musky Color: 🗹 Clear ☐ Green ☐ Gray ☐ Milky Other: **Bottom Deposit:** ☐ Sludge □ Solids Fine sediments ☐ None ☐ Other: Surface Deposit: □ Oil ☐ Scum ☐ Foam None None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Organization:







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			0: 2 5	1 .1		
Missouri WBID #:	52		Site Location D	•		
Site GPS Coordinates:	39. 20694 109	4,10840	STITE ST	= JOHN DEVESTELA CKRICK LANGE	m of newsonect	
Date & Time:	107: 930 mg		Facility Name:	CKRICK LANCON		
Personnel: Ava			Permit Number:			
Current Weather Condit	tions: SVULY: 4	40.5	Weather Conditi	ions for Past 7 days: Su	wy 40'S	
Photo Ids: Upstream:	1536C DOW	nstream: /5	55C Othe	r:		
ses Observed*:	. · ·	. •				
□ Swimming	☐ Skin diving	Пвс	UBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□ Bos				
				□ Wading	Rafting	
☐ Hunting	Trapping A	☐ Fish		☐ None of the above	Other:	
Describe: (include number of the second of t	per of individuals rec	reating, freque	ency of use, photo-	documentation of evidence	of recreational uses, e	
#SUPEN #	ner of individuals rec	on cont	ANOY AND C	documentation of evidence		
#30461) #6	ner of individuals rec	oromote or im	ANOY AND C	CONTENL AR	nce or unusual	
rrounding Conditions of interest.)	ns*: (Mark all that p	oromote or im	pede recreational unservation lands	Ises. Attach photos of evide		
rrounding Conditions of interest.) □ City/county parks	ns*: (Mark all that p	oromote or im	pede recreational unservation lands	ses. Attach photos of evide	☐ Campgrounds	
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that p	oromote or imp	pede recreational unservation lands	ses. Attach photos of evide Urban areas Nature trails	nce or unusual □ Campgrounds	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p	oromote or im MDC con National	pede recreational unservation lands	ses. Attach photos of evide Urban areas Nature trails	nce or unusual □ Campgrounds	
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or important of the property of the pr	pede recreational unservation lands	Ses. Attach photos of evide Urban areas Nature trails Other:	nce or unusual ☐ Campgrounds ☐ Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

QC: An Mani Heter

3-15-05

Page Two – Data Sheet B for WBID #_____:

tream Morpholo			37 6	40 20	2784 T	15m
Upstream View			.32,.50,			4.5
☐ Riffle Width	ı (ft):	Length (ft):	Avg. Depth	<u> </u>	Max. Depth (ft):	
Run Width	(ft): L.Um	Length (ft):	26m Avg. Depth	(ft): 0. 40 m	Max. Depth (ft):).53m
□ Pool Width	ı (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
Flow Preser	nt? Yes [□ No	Estimated ff	13/5EC): FM 6	O. lleimis	
Downstream Vi	iew Physical D	imensions:	. 2 . 2 . 1 . 2	09 (85	de 2m	
□ Riffle Width		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Width	(ft): 1.3m	Length (ft):	Avg. Depth		Max. Depth (ft): (1,25m
□ Pool Width		Length (ft):	Avg. Depth		Max. Depth (ft):	
Flow Preser	nt? X Yes [□ No	Estimated (f	13/sec)!hm(-	1.30m/s	
ibstrate*: (These 年) % Cobbi		up to 100%.)	% Sand	% Silt (47)	% Mud/Clay	% Bedrock
10 % 6000	0 70 0	iavei	70 Sand	70 SHL WD	70 Midd/Clay	% Bedrock
ater Characteri	stics*: (Mark all	that apply.)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	Other:	
Color:	Clear	☐ Green	☐ Gray	☐ Milky	Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	Other:	
Surface Deposit:	□ Oil	☐ Scum	□ Foam	X None	☐ Other:	
his information is no mprehensive underst	ot to be used solely anding of water co	for removal of onditions. Conse	(including informat a recreational use design equently, this information anditions that need furth	nation but rather is n is not intended to	to provide a more o directly influence a	
the undersigned tasheet is true a gned:			of my knowledge, t		•	his UAA
	T -	·	Date:Position	J -1 ()		····
=	Te-BUT		Position	n: <u>89 . I</u>	<u> </u>	
	A Man	u Hock	c 3-150			





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 153			Site Location	Description:			
Site GPS Coordinates: 3	9,22173 -094	. 10968H	2011) Of O	= 210; MUD BANKS			
Date & Time: 3/5/0	5			Facility Name: ORDICK LAGUN			
Personnel: AR, A	MG		Permit Numi	Permit Number:			
Current Weather Condit	ions: Juny: 46	4	Weather Con	Weather Conditions for Past 7 days: SWMY DCC			
Photo Ids: Upstream:		V	1554C 0	ther:			
ses Observed*:					42		
☐ Swimming	☐ Skin diving	□s	CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating		☐ Wading	☐ Rafting		
☐ Hunting	Trapping & D Fis		ishing	☐ None of the above	Other:		
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.							
	WTY BASA) O		touf my we	TIEN AR			
ASTRUMEN ACT.	WAY BAJA) O	Causes		d uses. Attach photos of evide	nce or unusual		
AS MAN ACT.	WAY BAJA) O	promote or in		il uses. Attach photos of evide	nce or unusual		
urrounding Condition	OS*: (Mark all that p	promote or in	mpede recreations	il uses. Attach photos of evide	T .		
urrounding Conditionems of interest.)	ns*: (Mark all that p	promote or in	mpede recreations conservation lands	ll uses. Attach photos of evide	☐ Campgrounds		
urrounding Conditionems of interest.) City/county parks Boating accesses	Playgrounds State parks Fence	oromote or in	mpede recreations conservation lands	uses. Attach photos of evide Urban areas Nature trails	☐ Campgrounds		
urrounding Condition ems of interest.) □ City/county parks □ Boating accesses □ No trespass sign	Playgrounds State parks Fence	oromote or in MDC o	mpede recreations conservation lands	uses. Attach photos of evide Urban areas Nature trails	☐ Campgrounds		
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign	Playgrounds Playgrounds Fence	oromote or in MDC of Nations Steep si	mpede recreations conservation lands al forests lopes	ll uses. Attach photos of evide ☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds ☐ Stairs/walkway		
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign vidence of Human Us	Playgrounds Playgrounds State parks Fence	oromote or in MDC of Nations Steep si	mpede recreations conservation lands al forests lopes Dock/platform	uses. Attach photos of evide Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway ☐ RV/ATV Tracks		

QC: La Marie Meter 3-15-05

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Page Two – Data	Sheet B for V				
Stream Morphol			Suffice Las		Hone, by Zzsie 3m 3m
Upstream Vie			2,.31,.32,	· · · · · · · · · · · · · · · · · · ·	
	th (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):
X Run Wid	th (ft): 2,2m		Avg. Depth		Visual Dobat (II). C. 17
□ Pool Wid	th (ft): 2.3 m	Length (ft): 7	Om (Avg. Depth	(ft): 0 24 V	WhiMax. Depth (ft): 17.32 mAmb
Flow Pres	ent? Z Yes	□ No	Estimated (4	itsec):	2.138 mls
Downstream V	iew Physical	Dimensions:	1,.22,.12,.2	1.3	
☐ Riffle Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
Run Wid	th (ft): 2, le m	Length (ft): 🕏	20m Avg. Depth	(ft): 0, 19m	Max. Depth (ft): 0, 45 m
□ Pool Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
Flow Pres	ent? LYes	□ No	Estimated (f		llm(s
Substratake (The		11 . 1000		2251	1 Jose 3m m
ubstrate*: (The		Gravel	% Sand	% Silt 16	0 % Mud/Clay % Bedrock
LA				· · · · · · · · · · · · · · · · · · ·	
Water Character Odor:				M/	
Color:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:
	A Clear	☐ Green	Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge		Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	□ Scum	☐ Foam	None	☐ Other:
Comments: Pleas	e attach additi	onal comments	(including informat	ion from inter	rviews) to this form.
omprehensive under	standing of water	conditions. Conse	a recreational use design equently, this information anditions that need furth	n is not intended	d to directly influence a
, the undersigne atasheet is true	d, hereby affi and accurate	rm to the best	of my knowledge, t	hat all inforr	mation reported on this UAA
igned: <u></u>	in Rate		Date:	3/15/05	
Organization:	TE- OUT	Mari J	Position 3-19	n: <u>Jar.</u> 505	I.
September 2	NOT 9, 2004	E: DEEPES	Inter 3-19	E (0.8m)	Page 19

